

AMENDMENTS TO THE CLAIMS:

The following listing of claims replaces all prior listings, and all prior versions, of claims in the above-identified application.

LISTING OF CLAIMS:

1.-5. (Cancelled).

6. (Currently amended) A friction stir-spot welding apparatus for inserting a welding tool being a symmetry with respect to a shaft, while rotating under a pressure into a portion of a member to be welded, thereby to heat and soften the member in the neighborhood of the welding tool by friction heat so as to integrate the member at a welding portion, characterized in that the device comprises:

a driving device for driving the welding tool in the direction of the rotation shaft thereof; and

a rotation shaft conversion device for converting the rotation shaft of the welding tool,

wherein the welding tool rotation shaft conversion device comprises a hummer one end of which is connected to a welding head swing shaft having one point in the direction of the rotation shaft of the welding tool as a fulcrum; and a stopper to which the other end of the hummer collides when the welding head comes down, wherein the tip portion of the welding tool held by the welding head swings around the welding head swing shaft as the fulcrum when the hummer further comes down from the state where the hummer collides the stopper.

7. (Original) The friction stir-spot welding apparatus according to claim 6, characterized in that the welding tool driving device comprises a welding head up-and-down moving motor for moving a welding head for holding the welding tool in the direction of the rotation shaft of the welding tool; a belt for transferring the rotation force of the motor to a ball spring; and a guide support for guiding the welding head that moves in accordance with the rotation of the ball spring.

8.-14. (Cancelled).